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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

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|------------------------|--------------|
| Application Number     | 10/501,616   |
| Filing Date            | May 25, 2005 |
| First Named Inventor   | Rushbrooke   |
| Art Unit               | 2882         |
| Examiner Name          | Midkiff      |
| Attorney Docket Number | 920602-97103 |

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US- 5,393,981                            | 02-28-1995                     | Szabo  |   |
|                       |                          | US- 5,138,167                            | 08-11-1992                     | Barnes   |   |
|                       |                          | US- 5,793,046                            | 08-11-1998                     | Jeffers  |   |
|                       |                          | US- 4,700,072                            | 10-13-1987                     | Pikari   |   |
|                       |                          | US- 4,687,935                            | 08-18-1987                     | Nurmi  |   |
|                       |                          | US- 4,651,006                            | 03-17-1987                     | Valenta  |   |
|                       |                          | US- 4,772,792                            | 09-20-1988                     | Utts   |   |
|                       |                          | US- 5,768,334                            | 06-16-1998                     | Maitrejean   |   |
|                       |                          | US- 5,044,002                            | 08-27-1991                     | Stein  |   |
|                       |                          | US- 4,571,491                            | 02-18-1986                     | Vinegar  |   |
|                       |                          | US- 6,088,423                            | 07-11-2000                     | Krug   |   |
|                       |                          | US- 5,319,547                            | 06-07-1994                     | Krug   |   |
|                       |                          | US- 4,933,960                            | 06-12-1990                     | Fujisaki   |   |
|                       |                          | US- 5,493,596                            | 02-20-1996                     | Annis  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |
|                       |                          | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                       |                          | GB-2149193-A  | 06-05-1985                        | Cerff  |   |                |
|                       |                          | GB-884789-B   | 12-02-1959                        | UK Atomic Energy                                   |   |                |
|                       |                          | JP-56111438-A   | 09-03-1981                        | Hayashi  |   |                |
|                       |                          | GB-1332370-B  | 10-03-1973                        | Jacobson   |   |                |
|                       |                          | WO-01/09596-A1  | 02-08-2001                        | Bartle   |   |                |
|                       |                          | GB-2297835-A  | 08-14-1996                        | Beevor   |   |                |

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SignatureDate  
Considered

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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |   |   |                |
|                          |                       | GB-2196113-A  | 04-20-1988       | Robertson                                       |   |                |
|                          |                       | GB-2091417-A  | 07-28-1982       | Sandbank  |   |                |
|                          |                       | EP-0204365-A2   | 12-10-1986       | Fujisaki  |   |                |
|                          |                       | EP-0162321-A1   | 11-27-1985       | Shimura   |   |                |
|                          |                       | JP-5716744-A  | 10-12-1982       | Suzuki  |   |                |
|                          |                       |   |                  |   |   |                |

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